

QGIS Application - Bug report #2137

Wrong ID provided to the PostGIS on save

2009-11-22 07:53 AM - fsat -

Status:	Closed	
Priority:	Low	
Assignee:	nobody -	
Category:	Data Provider	
Affected QGIS version:		Regression?: No
Operating System:	Gentoo	Easy fix?: No
Pull Request or Patch supplied:		Resolution: fixed
Crashes QGIS or corrupts data:		Copied to github as #: 12197
Description		
<p>I'm trying to use qgis with my [[PostGIS]] database. I have only 3 tables for different kinds of components. So I've created a couple of updatable views to make a work with QGIS more comfortable and to keep my internal structure. But when I'm setting a unique ID to the element (in QGIS) I receive a complaints about duplicate ID.</p> <p>For example: I have an empty view (but not empty table with elements), but I know - the ID=15 is unique, I create a new element in the layer associated with this view and set the ID to 15, but on save I receive error. After the empty record created manually with ID=15 and I'm saving to this view - I see ID's started from 16. Inspite of provided data to ID field it is counted automatically.</p>		

Associated revisions

Revision 6024c32b - 2009-11-23 10:16 PM - Jürgen Fischer

fix #2137

git-svn-id: <http://svn.osgeo.org/qgis/trunk/qgis@12235> c8812cc2-4d05-0410-92ff-de0c093fc19c

Revision 8a66aee7 - 2009-11-23 10:16 PM - Jürgen Fischer

fix #2137

git-svn-id: <http://svn.osgeo.org/qgis/trunk@12235> c8812cc2-4d05-0410-92ff-de0c093fc19c

History

#1 - 2009-11-22 08:53 AM - Jürgen Fischer

can you provide sample data?

#2 - 2009-11-22 08:56 PM - fsat -

Schema is attached to the ticket, to populate it with sample data just execute the following statements.

```
insert into maps (ID, NAME) values(1, "map1");
insert into layers (ID, NAME, MAP_ID) values(1, "layer1", 1);
```

-----

After that you can add LINESTRING layer in QGIS using view with name "map1\_l1\_l" and draw a line.  
And after that add POINT layer in QGIS using view with name "map1\_l1\_s" and reproduce my error.

As you can see from section:

```
query := 'create or replace rule ' || view_name || 'i ' || ' '
as on insert to ' || view_name || '
do instead (
    insert into layer_elements (layer_id, id, name) values(' || lid || ', NEW.id, NEW.name);
    insert into ' || le || ' (id, the_geom) values(NEW.id, NEW.the_geom);
);
```

The ID is not calculated automatically, I'm using the provided one, without defaults.

[[PostGIS]] version - 1.4.0, Postgresql version - 8.2.14, QGIS version - 1.3.0

#3 - 2009-11-22 08:59 PM - fsat -

Sorry, little mistake in queries. Following are correct ones.

```
insert into maps (ID, NAME) values(1, 'map1');
```

```
insert into layers (ID, NAME, MAP_ID) values(1, 'layer1', 1);
```

#4 - 2009-11-23 01:17 PM - Jürgen Fischer

- Resolution set to fixed
- Status changed from Open to Closed

should be fixed in commit:8a66aee7 (SVN r12236) - hopefully without breaking something else.

#5 - 2009-12-12 05:23 AM - Jürgen Fischer

Replying to [comment:5 jef]:

| should be fixed in commit:8a66aee7 (SVN r12236) - hopefully without breaking something else.

actually it was. commit:58c68efc (SVN r12419) roll commit:8a66aee7 (SVN r12236) back and deduces the default value the column the id column of the view is derived from and uses that to retrieve new ids.

Files			
gis.sql	8.2 KB	2009-11-22	fsat -